

SEQ ID NO:1	TCGAGCCC ATG AGG TGT AGC CCC GGA GGA GTG TGG CTG GCA CTG GCA	39	
SEQ ID NO:2	M R C S P G G V W L A L A	13	
	GCA TCT CTC CTG CAC GTG TCC CTG CAA GGC GAG TTC CAG AGG AAG CTT	87	
	A S L L H V S L Q G E F Q R K L	29	
	TAC AAG GAG CTG GTC AAG AAC TAC AAT CCC TTG GAG AGG CCC GTG GCC	135	
	Y K E L V K N Y N P L E R P V A	45	
	AAT GAC TCG CAA CCA CTC ACC GTC TAC TTC TCC CTG AGC CTC CTG CAG	183	
	N D S Q P L T V Y F S L S L L Q	61	
	ATC ATG GAC GTG GAT GAG AAG AAC CAA GTT TTA ACC ACC AAC ATT TGG	231	2 0
	I M D V D E K N Q V L T T N I W	77	
	CTG CAA ATG TCT TGG ACA GAT CAC TAT TTA CAG TGG AAT GTG TCA GAA	279	
	L Q N S W T D H Y L Q W N V S E	93	
	TAT CCA GCG GTG AAG ACT GTT COT TTC CCA GAT GGC CAG ATT TGG AAA	327	
	Y P G V K T V R F P D G Q I W K	109	
	CCA GAC ATT CTT CTC TAT AAC AGT GCT GAT GAG CGC TTT GAC GCC ACA	375	
	P D I L L Y N S A D E R F D A T	125	

FIG. 2A

SEQ ID NO:1	TTC CAC ACT AAC GTG TTG GTG AAT TCT TCT GGG CAT TGC CAG TAC CTG	423
SEQ ID NO:2	F H T N V L V N S S G H C Q Y L	141
	CCC CCA GGC ATA TTC AAG AGT TCC TCC TAC ATC GAT GTA CGC TGG TTT	471
	P P G I F K S S C Y I D V R W F	157
	CCC TTT GAT GTG CAG CAC TGC AAA CTG AAG TTT GGG TCC TGG TCT TAC	519
	P F D V Q H C K L K F G S W S Y	173
	GGA GGC TGG TCC TTG GAT CTG CAG ATG CAG GAG GCA <u>GAT ATC</u> AGT GGC	567
	G G W S L D L Q M Q E A D I S G	189
	TAT ATC CCC AAT GGA GAA TGG GAC CTA CTG GGA ATC CCC GGC AAG AGG	615
	Y I P N G E W D L V G I P G K R	205
	AGT GAA AGG TTC TAT GAG TGC TGC AAA GAG CCC TAC CCC GAT GTC ACC	663
	S E R F Y E C C K E P Y P D V T	221
	TTC ACA GTG ACC ATG CGC CGC AGG ACA CTC TAC TAT GGC CTC AAC CTG	711
	F T V T M R R R T L Y Y G L N L	237
	CTG ATC CCC TGT GTG CTC ATC TCC GCC CTC GCC CTG CTG GTG TTC CTG	759
	L I P C V L I S A L A L L V F L	253
	CTT CCT GCA GAT TCC GGG GAG AAG ATT TCC CTG GGG ATA ACA GTC TTA	807
	L P A D S G E K I S L G I T V L	269

3/10

FIG. 2B

274

SEQ ID NO:1	CTC TCT CTT ACC ACC TTC ATG CTG CTC GTG GCT GAG ATC ATG CCC GCA	855
SEQ ID NO:2	L S L T <u>T</u> F M L L V A E I M P A	285
	ACA TCC GAT <u>TGG GTA CCA</u> TTG ATA GCC CAG TAC TTC GCC AGC ACC ATG	903
	T S D S V P L I A Q Y F A S T M	301
	ATC ATC GTG GGC CTC TCG GTG GTG GTG ACG GTG ATC GTG CTG CAG TAC	951
	I I V G L S V V V T V I V L Q Y	317
	CAC CAC CAC GAC CCC GAC GGC GGC AAG ATG CCC AAG TGG ACC AGA GTC	999
	H H H D P D G G K M P K W T R V	333
	ATC CTT CTG AAC TGG TGC GCG TGG TTC CTG CGA ATG AAG AGG CCC GGG	1047
	I L L N W C A W F L R M K R P G	349
	GAG GAC AAG GTG CGC CCG GCC TGC CAG CAC AAG CAG CGG CCG TGC AGC	1095
	E D K V R P A C Q H K Q R R C S	350
	CTG GCC AGT GTG GAG ATG AGC GCC GTG GCG CCG CCG CCC GCC AGC AAC	1143
	L A S V E M S A V A P P P A S N	366

4/10

FIG. 2C

SEQ ID NO:1 GGG AAC CTG CTG TAC ATC GGC TTC CGC GGC CTG GAC GGC GTG CAC TGT 1191
 SEQ ID NO:2 G N L L Y I G F R G L D G V H C 382

GTC CCG ACC CCC GAC TCT GGG GTA GTG TGT GGC CGC ATG GCC TGC TCC 1239
 V P T P D S G V V C G R M A C S 398

CCC ACG CAC GAT GAG CAC CTC CTG CAC GGC GGG CAA CCC CCC GAG GGG 1287
 P T H D E H L L H G G Q P P E G 414

GAC CCG GAC TTG GCC AAG ATC CTG GAG GAG GTC CGC TAC ATT GCC AAC 1335
 D P D L A K I L E E V R Y I A N 430

CGC TTC CGC TGC CAG GAC GAA AGC GAG GCG GTC TGC AGC GAG TGG AAG 1383
 R F R C Q D E S E A V C S E W K 446

TTC GCC GCC TGT GTG GTG GAC CGC CTG TGC CTC ATG GCC TTC TCG GTC 1431
 F A A C V V D R L C L M A F S V 462

TTC ACC ATC ATC TGC ACC ATC GGC ATC CTG ATG TCG GCT CCC AAC TTC 1479
 P T I I C T I G I L M S A P N P 478

GTG GAG GCC GTG TCC AAA GAC TTT GCG TAACCACGCGCTGGTTCTGTACATGTGG
 V E A V S K D F A

AAACTCACAGATGGGCAAGCGCTTTGGCTTGGCGAGATTCGGCCGGAA

5
10

FIG. 2D